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Applicant : Gerhard Nossing

Art Unit :

Serial No. :

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Title : GROUND KEY DETECTION CIRCUIT AND METHOD FOR
INTERFERENCE-RESISTANT DETECTION OF THE ACTIVATION OF A
GROUND KEY FOR TELEPHONESCommissioner for Patents
Washington, D.C. 20231PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the claims:☒ Cancel claims 1-16.]☒ Add claims 17-44.]

-- 17. A circuit for interference-proof detection in the operation of a grounding key, the circuit comprising:

a current detection device configured to detect a current flowing when the grounding key is in operation;

a comparator configured to compare the detected current with at least one threshold value; and

a monitoring circuit configured to:

detect a first period when the current exceeds the threshold value;

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